

**INTERFACE DEVICE FOR EXTENDING CAMCORDER USE OVER THE  
ELECTROMAGNETIC SPECTRUM**

**ABSTRACT**

An interface device connects a camcorder to a camera operating in the non-  
5 visible electromagnetic spectrum to form a portable unitary system. The interface  
device provides a mechanical connection between the camcorder and the camera. A  
video cable carries video image data from the camera to the camcorder. A control  
connection additionally may be provided between the camcorder and the camera  
through the interface device, to allow the camera to be controlled through controls on  
10 the camcorder itself. A power connection may be provided between the camcorder  
and the camera through the interface device, to allow the camera to draw power from  
the camcorder.